

9th Class 2019

Biology

Group-I

Paper-I

Time: 15 Minutes

(Objective Type)

Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- Five Kingdom classification system was introduced by:

(a) Schwartz	(b) Margulis	= 3
(c) Aristotle	(d) Robert Whittaker	✓

2- In children, deficiency of vitamin D causes:

(a) Osteomalacia	(b) Scurvy	= 8
(c) Night blindness	(d) Rickets	✓

3- During this phase, chromosomes are arranged at equator of cell:

(a) Prophase	(b) Metaphase	✓
(c) Telophase	(d) Anaphase	= 5

4- The Italian word "mala" means:

(a) Bad	(b) Good	= 2
(c) Air	(d) Water	

5- Lipase enzyme acts on molecule:

(a) Lipids	(b) Starch	= 6
(c) Cellulose	(d) Proteins	

6- An artery that supplies blood to liver:

(a) Renal artery	(b) Femoral artery	= 9
(c) Hepatic artery	(d) Coronary artery	

7- The largest taxon in biological classification is:

(a) Phylum	(b) Class	
(c) Kingdom	(d) Genus	= 3

8- Pores through which cytoplasm of adjacent cells connected:
(a) Stomata (b) Plasmodesmata ✓ = 4
(c) Lenticels (d) Cuticle

9- Microtubules are made of: = 4
(a) Tubulin protein ✓ (b) RNA
(c) DNA (d) Actin protein

10- In most plants, food is transported in the form of:
(a) Glucose (b) Sucrose ✓ = 8
(c) Starch (d) Lactose

11- An example of multi-cellular organism is: = 1
(a) Bacteria (b) Frog ✓
(c) Amoeba (d) Euglena

12- Main photosynthetic pigment is: = 4
(a) Chlorophyll 'b' (b) Chlorophyll 'a' ✓
(c) Carotenoids (d) Xanthophylls